

SECTION - B
SHORT QUESTION

- Q - 02: Define last capacity.
- Q - 03: Is it possible for a body to be accelerated, if its speed is constant? Explain.
- Q - 04: What are fundamental and derived units?
- Q - 05: Explain head to tail rule of vector addition.
- Q - 06: What is photon?
- Q - 07: What are gamma rays and describe its properties?
- Q - 08: In what way Al-Beruni was versatile scientist?
- Q - 09: Find the time taken by sunlight to reach the ground, if the distance between the sun and the earth is 1.5×10^8 km and velocity of light is 3×10^8 ms⁻¹.
- Q - 10: What do you understand by two like and unlike parallel forces?
- Q - 11: What is a lever? Determine its mechanical advantage.
- Q - 12: What do you mean by convential current?
- Q - 13: Differentiate between transverse waves and longitudinal waves.